



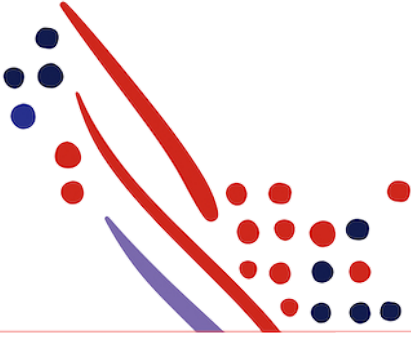
Guide

# Validation Tables Cost Number API Guide for ADP WorkForce Now

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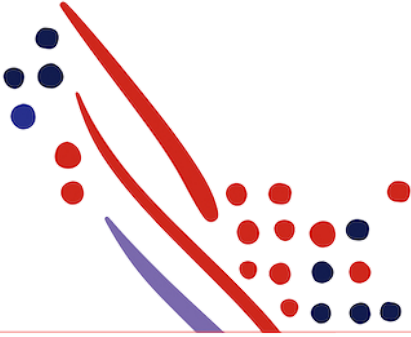
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# About the API

## Summary

The Validation Tables Cost Number APIs are used to Add or Retrieve Cost Number codes to/from the Validation Tables setup of an ADP WorkForce Now client.

## What's New in this Guide?

### August 2022

Updated API endpoints and samples to link to API explorer.

This is the initial version of the Validation Tables Cost Number API Guide for ADP Workforce Now. In this section, we will announce any new revisions to the Validation Tables Cost Number API and this guide.

## Supported Product Version and Customer Base

This is supported for US clients.

## Required Setup Steps

## Process Overview

The following table illustrates the key data flow steps.

	Actor	Task Description
1	Client Practitioner	Triggers the API-based data exchange between your application and ADP WorkForce Now.
2	Your Application	Adds or Retrieves Cost Number codes to/from the Validation Tables setup of an ADP WorkForce Now client.

## Postman Collection

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see [Making Your First API Call Using Postman](#).

To download API collections for the Validation Table Cost Number API from the ADP GitHub library and import them to Postman, go to [POSTMAN COLLECTION](#)

## Chapter 2

# Use Case: Retrieving Cost Number details from Validation Tables

## Use Case Description

This use case returns a set of Cost Number codes that are setup in the **Setup > Tools > Validation Tables > Payroll > Paydata > Cost Number** section of an ADP WorkForce Now client.

API Explorer Link [Validation Table Cost Number API guide](#)

## API Usage

Method	Uniform Resource Identifier (URI)	Description	Note
GET	/hcm/v1/validation-tables/cost-centers	Retrieves all Cost number codes setup for the client.	
GET	/hcm/v1/validation-tables/meta?validationTableType=Cost Centers&method=GET	Retrieves GET meta information	The parameters validationTableType=Cost Centers&method=GET are mandatory.

## Application Scope

The canonical URI corresponding to the Validation Table Cost Number API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

**/hcm/standardsInformationManagement/clientMasterDataManagement/validationTableManagement/costCenters.items.read**

**/hcm/standardsInformationManagement/clientMasterDataManagement/validationTableManagement/validationTable.meta.read**

## Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the **roleCode** parameter value in an API request. For example, a person could have two roles defined in an ADP application, a Practitioner who manages all employees, and an employee. Your application will use the practitioner **roleCode** to request the data as the Practitioner and the **roleCode** of the employee.

Request Parameter roleCode Value	Is Supported (Y/N)?	Usage
Practitioner	Y	Retrieves set of available Cost Number codes and its details.

## Request Header Parameters

None, in addition to the ADP standard header parameters.

## Sequence of Interactions

1. Your consumer application makes a request to the ADP API endpoint to GET Validation Table Cost Number codes of a ADP WorkForce Now client
2. The ADP endpoint responds to your consumer application with set of available Cost Number codes and its details.

## Data Dictionary

Resources listed in the following table can be accessed in the ADP Workforce Now user interface (UI) by selecting **Setup > Tools > Validation Tables > Payroll > Paydata > Cost Number**

Schema Location	Field Name	Notes
/nameCode/code	<b>Code</b>	
/nameCode/name	<b>Description(English US)</b>	
/payrollGroupCode	<b>Company Code</b>	
inactiveIndicator	<b>Active</b>	

### Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

For more information, see [API Common Exceptions and Tips for Handling](#).

API Explorer Link [Validation Table Cost Number API guide](#)

Response Code	Condition	messageTxt	Tips to Handle
Response Code	Condition	messageTxt	Tips to Handle

200 OK	Retrieving list of cost Number codes setup for a client.		
400 Bad Request	When method parameter is not sent in the API URI for META.	"message": "Request Parameter method is required.",	<p>Make sure to use correct API URI</p> <ul style="list-style-type: none"> <li>/hcm/v1/validation-tables/meta?validationTableType=CostCenters&amp;method=GET</li> </ul>

### Chapter 3

## Use Case: Adding Cost Number to Validation Tables

### Use Case Description

This use case helps the user add Department codes into the **Setup > Tools > Validation Tables > Payroll > Paydata > Cost Number** section of an ADP WorkForce Now client.

API Explorer Link [Validation Table Cost Number API guide](#)

### API Usage

Method	Uniform Resource Identifier (URI)	Description	Note
POST	/hcm/v1/validation-tables/cost-centers	Adds cost number into validation table	
GET	/hcm/v1/validation-tables/meta?validationTableType=CostCenters&method=POST	Retrieves POST meta information	The parameters "validationTableType=CostCenters&method=POST" are mandatory.

### Application Scope

The following canonical needs to be added to your application scope to enable this use case:

**/hcm/standardsInformationManagement/clientMasterDataManagement/validationTableManagement/costCenters.item.add**

**/hcm/standardsInformationManagement/clientMasterDataManagement/validationTableManagement/validationTable.meta.read**

### Supported Actors

Request Parameter roleCode Value	Is Supported (Y/N)?	Usage
Practitioner	Y	Adds a cost number code and its details into the validation tables.

## Request Header Parameters

None, in addition to the ADP standard header parameters.

## Sequence of Interactions

1. Your consumer application makes a request to the ADP API endpoint for **/hcm/v1/validation-tables/meta?validationTableType=Cost Centers&method=POST**
2. The ADP API endpoint responds to your consumer application with the meta payload. Your consumer application processes the meta payload to validate data included in the payload in step 3 and prompts the user to fix any validation issues. Otherwise, compose the payload for the **POST /hcm/v1/validation-tables/cost-centers** request.
3. Your consumer application makes a **/hcm/v1/validation-tables/cost-centers** request the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/hcm/v1/validation-tables/cost-centers**

## Data Dictionary

Resources listed in the following table can be accessed in the ADP Workforce Now user interface (UI) by selecting **Setup > Tools > Validation Tables > Payroll > Paydata > Cost Number**

Schema Location	Field Name	Is Required Y/N ?
/nameCode/code	<b>Code</b>	Y
/nameCode/name	<b>Description(English US)</b>	N
/payrollGroupCode	<b>Company Code</b>	Y
inactiveIndicator	<b>Active</b>	N

## Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

For more information, see [API Common Exceptions and Tips for Handling](#).

API Explorer Link [Validation Table Cost Number API guide](#)

Response Code	Condition	messageTxt
200 OK	Adding a cost number code and it's details into validation table.	NA
400 Bad request	Adding already existing cost number code.	"message": "This record already exists. Enter a unique value.",
400 Bad request	Adding cost number details without nameCode.	"message": "/nameCode/code is required.",
400 Bad request	Adding department code with invalid payrollGroupCode.	"message": "payrollGroupCode is invalid.",

## Chapter 4

# Known Issues and Limitations

Issue 1: Event Notifications are not supported.

## Impacted APIs

Method	URI	roleCode
POST	/hcm/v1/validation-tables/cost-centers	Practitioner
GET	/hcm/v1/validation-tables/cost-centers	Practitioner

## Issue Description

Event Notifications are not supported for validation table Cost number API and UI changes.

## Suggested Workaround

NA